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**UNITED STATES DISTRICT COURT**

**DISTRICT OF NEVADA**

ORACLE USA, INC., et al.,

Plaintiffs,

v.

RIMINI STREET, INC., et al.,

Defendants.

CASE NO. 2:10-cv-00106-LRH-VCF

**DECLARATION OF OWEN  
ASTRACHAN IN SUPPORT OF  
RIMINI STREET, INC.'S  
OPPOSITION TO ORACLE'S  
MOTION FOR RULE 37 SANCTIONS**

1 I, Owen Astrachan, declare as follows:

2 1. I am a Professor of Computer Science at Duke University and the department's  
3 Associate Director of Undergraduate Studies. I have been retained by Gibson, Dunn & Crutcher  
4 LLP and Rimini Street, Inc. ("Rimini") as a technical expert in this case.

5 2. I have extensive experience, writing, reading, evaluating, and teaching software  
6 code. I received an A.B. degree in Mathematics with distinction, graduating summa cum laude  
7 from Dartmouth in 1978, and received M.A.T. (Mathematics 1979), M.S. (Computer Science  
8 1989), and Ph.D. (Computer Science 1992) degrees from Duke. My work has garnered several  
9 awards, including a National Science Foundation ("NSF") CAREER award in 1997, an IBM  
10 Faculty Award in 2004, and my designation as one of two inaugural NSF CISE Distinguished  
11 Education Fellows in 2007. My research interests include understanding how best to teach and  
12 learn about programming, software design, and computer science in general. I have published  
13 two editions of a top-selling computer programming textbook titled *Computer Science*  
14 *Tapestry: Exploring Programming and Computer Science with C++* that has been widely used  
15 in college computer programming courses. I have also published regularly (more than 20  
16 publications) in the top Computer Science Education Conference and have led more than 20  
17 workshops at this same conference. I have extensive experience writing software in a variety  
18 of languages.

19 3. On March 13, 2020, I submitted the Rebuttal Expert Report of Professor Owen  
20 Astrachan ("Rebuttal Report"), which contains some of my expert opinions in this case. That  
21 report is a true and correct statement of my opinions and the evidence on which those opinions  
22 are based, and if called as a witness at trial I would testify to those opinions.

23 4. Attached hereto as **Exhibit A** is a true and correct copy of excerpts from my  
24 Rebuttal Report.

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26 ///

27 ///

1 I declare under penalty of perjury under the laws of the United States of America that  
2 the foregoing is true and correct, and that I executed this Declaration on July 24, 2020, at  
3 Chapel Hill, North Carolina.



4  
5  
6 Owen Astrachan